

Permit to Operate

FACILITY: N-477

EXPIRATION DATE: 08/31/200

LEGAL OWNER OR OPERATOR: LIBBEY OWENS FORD (JON WEISS)

MAILING ADDRESS: 500 E LOUISE AVE
LATHROP, CA 95330

FACILITY LOCATION: 500 E LOUISE AVE
LATHROP, CA 95330

FACILITY DESCRIPTION: FLAT GLASS MANUFACTURER

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW

Executive Director / APCO

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Director of Permit Services

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-0-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; San Joaquin County Rule 110 and 40 CFR 52.21], [Federally Enforceable Through Title V]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; San Joaquin County Rule 110 and 40 CFR 52.21], [Federally Enforceable Through Title V]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0], [Federally Enforceable Through Title V]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020. [District Rule 2010, 3.0 and 4.0; 2020; and San Joaquin County Rule 201], [Federally Enforceable Through Title V]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1], [Federally Enforceable Through Title V]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031 and 40 CFR 52.21], [Federally Enforceable Through Title V]
7. Every application for a permit required under Rule 2010 (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040], [Federally Enforceable Through Title V]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 5) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1], [Federally Enforceable Through Title V]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1], [Federally Enforceable Through Title V]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520. [District Rules 2520, 9.6.2 and 1100, 7.0 and 40 CFR 52.21], [Federally Enforceable Through Title V]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8], [Federally Enforceable Through Title V]

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13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.1], [Federally Enforceable Through Title V]
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3 and 40 CFR 52.21], [Federally Enforceable Through Title V]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4], [Federally Enforceable Through Title V]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5], [Federally Enforceable Through Title V]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10], [Federally Enforceable Through Title V]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1 and 40 CFR 52.21], [Federally Enforceable Through Title V]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2 and 40 CFR 52.21], [Federally Enforceable Through Title V]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3 and 40 CFR 52.21], [Federally Enforceable Through Title V]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4 and 40 CFR 52.21], [Federally Enforceable Through Title V]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101, by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and San Joaquin County Rule 401], [Federally Enforceable Through Title V]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1], [Federally Enforceable Through Title V]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601. [District Rule 4601, 5.2], [Federally Enforceable Through Title V]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4], [Federally Enforceable Through Title V]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5], [Federally Enforceable Through Title V]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2. [District Rule 4601, 6.1 and 6.2], [Federally Enforceable Through Title V]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official [District Rule 2520, 9.14.1 and 10.0], [Federally Enforceable Through Title V]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F], [Federally Enforceable Through Title V]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B], [Federally Enforceable Through Title V]

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31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 unless specifically exempted under section 4 of Rule 8020. [District Rule 8020], [Federally Enforceable Through Title V]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030, unless specifically exempted under section 4 of Rule 8030. [District Rule 8030], [Federally Enforceable Through Title V]
33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after October 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 unless specifically exempted under section 4 of Rule 8060. [District Rule 8060], [Federally Enforceable Through Title V]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M], [Federally Enforceable Through Title V]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17], [Federally Enforceable Through Title V]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2], [Federally Enforceable Through Title V]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1], [Federally Enforceable Through Title V]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: San Joaquin County Rule 401, San Joaquin County Rule 110, San Joaquin County Rules 201, 202, 203, 204, 208, and 209, and San Joaquin County Rule 423. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
40. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan, and comply with all the requirements of Program 1, 2, or 3 when mandated by the regulation. [40 CFR Part 68], [Federally Enforceable Through Title V]
41. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-1-3

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

RIGHT AND LEFT SIDE DOGHOUSE VENTILATION SYSTEM VENTED TO A P&F RECOV-AIRE MODEL JT-10-560-7,880 BAGHOUSE AS THE PRIMARY DUST COLLECTOR OR VENTED TO TWO KIRK & BLOM CYCLONES, IN PARALLEL, AS A BACKUP SYSTEM FOR DUST CONTROL.

PERMIT UNIT REQUIREMENTS

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1. PM10 emissions shall not exceed 0.22 pounds per ton of material introduced into the furnace. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The furnace fill rate shall not exceed 750 tons per day. [District NSR Rule], [Federally Enforceable Through Title V]
 3. There shall be no visible emissions from the baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
 4. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Material removed from the baghouse or the cyclones shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 7. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 8. A log shall be maintained indicating the amount of material introduced into the furnace on a daily basis. All records shall be retained and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 9. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 10. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
 11. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
 14. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-2-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

RIGHT SIDE DOGHOUSE FUME VENTILATION SYSTEM SERVED BY TWO CYCLONES IN PARALLEL FRO A COMMON DUCT. *** COMBINED WITH N-477-1-2 ****

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. All batch materials that become deposited on the ground or any part of the dust collection system as a result of the batch handling shall be cleaned up immediately. []
4. Cyclones and all ducting from the doghouse fume ventilation system shall be kept in good repair to prevent any fugitive dust emissions. []
5. PM10 emissions shall not exceed 82.5 lbs/day. []
6. A source test shall be conducted using methods and procedures approved by the District to determine compliance with applicable emission limits. The result of this test shall be submitted to the District within 60 days of the test. []
7. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-3-2

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

MICRO INGREDIENT STORAGE AND HANDLING CONSISTING OF A 4 BIN DUMP HOPPER, ROUGE DUMP HOPPER, NITER DUMP HOPPER AND SCREEN, SCALE ENCLOSURE, AND CONVEYOR, ALL VENTED TO A BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. A daily log shall be kept on the premises consisting of the total daily weight of each type of raw material used for the manufacture of glass. [District NSR Rule], [Federally Enforceable Through Title V]
8. All records shall be retained and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
9. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
11. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
14. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-4-2

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

SCALE GALLERY VENTED TO 6 BAGHOUSES. #1 SERVES THE 2 SAND HOPPERS; #2 SERVES THE SALT CAKE HOPPER; #3 SERVES THE M/T HOPPER; #4 SERVES THE CALCIUM HOPPER; #5 SERVES THE DOLOMITE HOPPER; #6 SERVES THE SODA ASH HOPPERS AND THE GATHERING BELT.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. A daily log shall be kept on the premises consisting of the total daily weight of each type of raw material used for the manufacture of glass. [District NSR Rule], [Federally Enforceable Through Title V]
8. All records shall be retained and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
9. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
11. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
14. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-5-2

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

RAW MATERIAL RECEIVING STATION CONSISTING OF AN UNLOADING HOPPER, AN UNDERGROUND CONVEYOR, AND A BELOW GROUND ELEVATOR UNDER AN ENCLOSURE SERVED BY A BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. Total material unloading and handling shall not exceed 7830 tons/day. [District NSR Rule], [Federally Enforceable Through Title V]
8. When unloading, provisions shall be made in order to minimize fugitive dust emissions from the unloading hopper. [District NSR Rule], [Federally Enforceable Through Title V]
9. PM10 emissions shall not exceed 0.013 lbs per ton of materials unloaded. [District NSR Rule], [Federally Enforceable Through Title V]
10. A daily log shall be kept on the premises showing the amount and type of materials received and unloaded. [District NSR Rule], [Federally Enforceable Through Title V]
11. All records shall be retained and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
12. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
14. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
17. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-6-3

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

CULLET CONVEYING SYSTEM CONSISTING OF A CULLET INPUT HOPPER AND TWO COVERED CONVEYORS WITH THE TRANSFER POINTS VENTED TO A DLM3/8-15 BAGHOUSE, AND ONE COVERED CONVEYOR AND FURNACE INPUT HOPPER BOTH VENTED TO A DU-45R 12 BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All conveyors shall be covered or enclosed. [District NSR Rule], [Federally Enforceable Through Title V]
7. All conveyor transfer points shall be enclosed and vented to a baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
8. The throughput of cullet shall not exceed 750 tons/day. [District NSR Rule], [Federally Enforceable Through Title V]
9. The drop chute spout shall be adequately shrouded to minimize the fugitive dust emissions. [District NSR Rule], [Federally Enforceable Through Title V]
10. The cumulative PM10 emission concentration from all emission points of this permit shall not exceed 0.011 lbs/ton of cullet throughput. [District NSR Rule], [Federally Enforceable Through Title V]
11. A daily log of cullet throughput shall be maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
14. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
17. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-477-7-3

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

CULLET CONVEYING SYSTEM: ENCLOSED GLASS GRINDER AND CONVEYOR ALL VENTED TO THE DLM 3/8-15 BAGHOUSE, A COVERED CONVEYOR, A CULLET DROP CHUTE VENTED TO THE DLM 3/8-15 BAGHOUSE, A CONCRETE CULLET RECEIVING BUNKER, TEN STORAGE BUNKERS, AND STORAGE PILES.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All conveyors shall be covered or enclosed. [District NSR Rule], [Federally Enforceable Through Title V]
7. All conveyor transfer points shall be enclosed and vented to a baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
8. The throughput of cullet shall not exceed 750 tons/day. [District NSR Rule], [Federally Enforceable Through Title V]
9. The cullet input hopper shall be adequately shrouded to minimize the fugitive dust emissions. [District NSR Rule], [Federally Enforceable Through Title V]
10. The cumulative PM10 emission concentration from all emission points of this permit shall not exceed 0.053 lbs/ton of cullet throughput. [District NSR Rule], [Federally Enforceable Through Title V]
11. A daily log of cullet throughput shall be maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
14. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
16. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
17. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-8-0

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

BOILER, WICKES TYPE A, 90 MMBTU/HR **** DELETED PER ATC N-477-48-0 ON 02/11/97 ****

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. The boiler shall be fired on natural gas or fuel oil #5. []
5. Fuel oil shall be used as the standby fuel only. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-9-0

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

BOILER, WICKES TYPE A, 90 MMBTU/HR **** DELETED PER LOF LETTER DATED MAY 16, 1994 ****

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. The boiler shall be fired on natural gas or fuel oil #5. []
5. Fuel oil shall be used as the standby fuel only. []

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-10-3

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:
GLASS MELTING FURNACE

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
2. Either the Pilkington 3R NOx control system or the Exxon thermal De-NOx NOx control system shall be utilized at all times, except when determining the NOx control efficiency as specified in condition #25 of this permit. [District NSR Rule], [Federally Enforceable Through Title V]
3. The Pilkington 3R NOx control system shall be operated with a minimum control efficiency of 31.5% (24 hour averaging) at all times, except when determining the NOx control efficiency as specified in condition #25 of this permit. [District NSR Rule], [Federally Enforceable Through Title V]
4. The Exxon thermal De-NOx NOx control system shall be operated with a minimum control efficiency of 31.5% (24 hour averaging) at all times, except when determining the NOx control efficiency as specified in condition #25 of this permit. [District NSR Rule], [Federally Enforceable Through Title V]
5. The minimum control efficiency stated in conditions #3 and #4 is to enforce the NOx emission reductions granted by certificate number 87-6. [District NSR Rule], [Federally Enforceable Through Title V]
6. Emissions of NOx (as NO2) from the glass furnace when clear glass or E-Z Eye glass is being produced, shall not exceed 6,925 pounds during any one day. [District NSR Rule and 40CFR 52.21], [Federally Enforceable Through Title V]
7. Emissions of NOx (as NO2) from the glass furnace when bronze glass is being produced, shall not exceed 7,420 pounds during any one day. [District NSR Rule and 40CFR 52.21], [Federally Enforceable Through Title V]
8. CO emissions shall not exceed 1000 pounds during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
9. Saltcake or Gypsum may be used as a batch constituent as a source of sulfate. [District NSR Rule], [Federally Enforceable Through Title V]
10. When using gypsum, the emissions of oxides sulfur as SO2, shall not exceed 30 pounds per hour when the gypsum usage is less than or equal to 10.7 pounds per 1,000 pounds of sand in the batch. [District NSR Rule and 40CFR 52.21], [Federally Enforceable Through Title V]
11. If gypsum usage exceeds 10.7 lbs/1000 lbs of sand in the batch, the maximum allowable emissions shall be determined by following equation: $S_{MAX} = (6.3 * GYPRATE) - 39.5$; where S_{MAX} = allowable SOx as SO2 and GYPRATE = gypsum usage (lb/1000 lb sand). [District NSR Rule and 40CFR 52.21], [Federally Enforceable Through Title V]
12. When using saltcake, the emissions of oxides of sulfur as SO2, shall not exceed 30 pounds per hour when the saltcake usage is less than or equal to 8 pounds per 1000 pounds of sand in the batch. [District NSR Rule], [Federally Enforceable Through Title V]
13. If saltcake usage exceeds 8 lb/1000 lbs of sand in the batch, the maximum allowable emissions shall be determined by the following equation: $S_{MAX} = (8.5 * SLTRATE) - 39.5$; where S_{MAX} =allowable SOx as SO2 and SLTRATE=saltcake usage (lb/1000 lb sand). [District NSR Rule], [Federally Enforceable Through Title V]
14. The SOx emissions, as SO2, shall not exceed 88 pounds per hour. [District NSR Rule and 40CFR 52.21], [Federally Enforceable Through Title V]
15. The maximum allowable emission rate for particulate matter shall be determined by the following equations: $E = 3.59 * P^{0.62}$ for $P < 30$ tons/hour or $17.31 * P^{0.16}$ for $P > 30$ tons/hour. [District Rule 4202], [Federally Enforceable Through Title V]
16. Under no circumstance shall the particulate matter emissions exceed 30 pounds per hour. [District NSR Rule and 40CFR 52.21], [Federally Enforceable Through Title V]
17. VOC emissions shall not exceed 21 pounds during any one day. [District NSR Rule], [Federally Enforceable Through Title V]
18. The permittee shall maintain and operate EPA-certified and SJVUAPCD approved continuous emission monitoring and recording instruments to measure NOx, O2, CO2, and the opacity of emissions discharged into the atmosphere. [District Rule 1080 and 40CFR 52.21], [Federally Enforceable Through Title V]
19. Emissions monitoring records shall be retained and submitted as required in accordance with District Rule 1080. [District Rule 1080], [Federally Enforceable Through Title V]

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20. The permittee shall calibrate (or cause to be calibrated) and maintain the instruments according to the written procedures submitted by LOF to the APCD on April 3, 1980. [District Rule 1080], [Federally Enforceable Through Title V]
21. Source testing shall be conducted to measure particulate and SOx emissions according to the District's combined Methods 5 and 8. These methods may be substituted by other methods as approved by the District and EPA. [District Rule 1081 and 40 CFR 52.21], [Federally Enforceable Through Title V]
22. The furnace fill rate shall not exceed 750 tons per day. [District NSR Rule], [Federally Enforceable Through Title V]
23. When firing on LPG, the daily fuel usage rate shall not exceed 64,066 gallons of LPG per day. [District NSR Rule], [Federally Enforceable Through Title V]
24. When firing on natural gas, the daily fuel usage rate shall not exceed 5,942,875 cubic feet per day. [District NSR Rule], [Federally Enforceable Through Title V]
25. Uncontrolled NOx emissions may be generated for up to 16 hours per month (maximum of 4 hours per 24 hour period) to establish a baseline NOx emissions rate for the purpose of determining the NOx control equipment removal efficiencies. [District NSR Rule], [Federally Enforceable Through Title V]
26. Except during periods when the efficiency of the NOx control equipment is being determined (as allowed by condition #25 above), NOx emissions shall not exceed 288.5 pounds per hour when clear glass or E-Z Eye glass is being produced. [District NSR Rule], [Federally Enforceable Through Title V]
27. Except during periods when the efficiency of the NOx control equipment is being determined (as allowed by condition #25 above), NOx emissions shall not exceed 309 pounds per hour when bronze glass is being produced. [District NSR Rule], [Federally Enforceable Through Title V]
28. A daily log indicating the date and duration of periods when the NOx control equipment is not operated shall be kept on site at all times. [District NSR Rule], [Federally Enforceable Through Title V]
29. The ammonia injection rate to the thermal DeNOx system shall be at a level which assures compliance with the emissions limitation of this permit. [District NSR Rule], [Federally Enforceable Through Title V]
30. Dissociated ammonia shall be introduced into the thermal DeNOx system at a rate which assures compliance with the emissions limitation of this permit. [District NSR Rule], [Federally Enforceable Through Title V]
31. Mass flow rates shall be calculated using a stoichiometric equation, based on measured O2 and CO2 concentrations in the stack. The flow rate equation shall be verified and/or revised based on annual source testing. [District Rule 1080 and 1081], [Federally Enforceable Through Title V]
32. The permittee shall conduct source tests on the furnace at least once every year, under all applicable permitted operating scenarios (low gypsum, high gypsum, low salt cake, high salt cake), for PM, SO2 and NOx during periods of high furnace fill rate. [District Rule 1081 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
33. When applicable, daily records of natural gas or LPG usage shall be maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
34. Daily records of furnace fill rate shall be maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
35. Monthly records of salt cake and gypsum content per 1,000 lbs of sand in each batch shall be maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
36. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
37. The continuous monitoring system shall be operated and maintained in accordance with the Quality Assurance Procedures as outlined in 40 CFR Part 60 Appendix F. [District Rule 1080], [Federally Enforceable Through Title V]
38. An annual Relative Accuracy Test Audit (RATA) shall be performed on the continuous monitoring system as outlined in 40 CFR Part 60 Appendix B. [District Rule 1080 and 40 CFR 52.21], [Federally Enforceable Through Title V]
39. The CEMS and COMS shall meet the performance specifications of 40 CFR 60, Appendix B. [District Rule 1080], [Federally Enforceable Through Title V]
40. Results of continuous emissions monitoring must be reduced according to the procedure established in 40 CFR, Part 51, Appendix P, paragraphs 5.0 through 5.3.3, or by other methods deemed equivalent by mutual agreement with the District, the ARB, and the EPA. [District Rule 1080], [Federally Enforceable Through Title V]
41. Records shall be maintained and shall contain: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, any periods during which a continuous monitoring system or monitoring device is inoperative, maintenance of any CEMS that have been installed pursuant to District Rule 1080, and emission measurements. [District Rule 1080], [Federally Enforceable Through Title V]

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42. A violation of NOx emission standards indicated by the NOx CEMS or a violation of opacity standards as indicated by the COMS, shall be reported by the operator to the APCO within 96 hours. [District Rule 1080], [Federally Enforceable Through Title V]
43. Operator shall notify the APCO no later than eight hours after the detection of a breakdown of the CEMS or COMS. Operator shall inform the APCO of the intent to shut down the CEMS or COMS at least 24 hours prior to the event. [District Rule 1080], [Federally Enforceable Through Title V]
44. Operators of CEMS or COMS installed at the direction of the APCO shall submit a written report for each calendar quarter to the APCO. The report is due on the 30th day following the end of the calendar quarter and shall include the following: A) time intervals, data and magnitude of excess emissions, nature and cause of excess (if known), corrective actions taken and preventive measures adopted; B) averaging period used for data reporting corresponding to the averaging period specified in the emission test period used to determine compliance with an emission standard; C) applicable time and date of each period during which the CEM was inoperative (except for zero and span checks) and the nature of system repairs and adjustments; D) a negative declaration when no excess occurred. [District Rule 1080 and 40 CFR 52.21], [Federally Enforceable Through Title V]
45. The operator shall maintain an operating log that includes on a monthly basis; the hours of operation of the furnace, type and quantity of fuel used in the furnace, and quantity of glass pulled. This information shall be maintained and submitted to the APCO upon request. [District Rule 4354], [Federally Enforceable Through Title V]
46. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
47. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4354. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
48. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
49. The requirements of District Rule 4301 and San Joaquin County Rule 408 were determined to not apply to this unit because the unit does not utilize indirect heat transfer. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
50. The requirements of 40 CFR 60, Subpart CC were determined to not apply to this unit because the unit was constructed prior to the effective date in the regulation and not been modified (according to the definition of "modified" in the regulation). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
51. The requirements of 40 CFR 61, Subpart N were determined to not apply to this unit because the unit does not use commercial arsenic. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
52. The NOx emissions from the furnace shall not exceed the limit in section 5.3 of District Rule 4354, until such time that the unit is subject to the 1998 revisions to District Rule 4354. At that time, the lower NOx limitations of the revised rule shall apply. [District Rule 4354], [Federally Enforceable Through Title V]
53. The facility shall not use commercial arsenic as a raw material in the production process. [40 CFR 61 Subpart N], [Federally Enforceable Through Title V]
54. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
55. All equipment, facilities, or systems installed or used to achieve compliance with the terms and conditions of the Federal Prevention of Significant Deterioration permit shall at all times be maintained in good working order and be operated as efficiently as possible to minimize air pollutant emissions. [40 CFR 52.21], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-11-2

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

TETRAMETHYLTIN (TMT) VAPOR DEPOSITION SYSTEM SERVED BY AN INCINERATOR.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
2. TMT emissions from the coating process shall be vented through an incinerator. [District NSR Rule], [Federally Enforceable Through Title V]
3. The incinerator shall be designed so as to provide a minimum retention time of 0.3 second at 1500 deg. Fahrenheit. [District NSR Rule], [Federally Enforceable Through Title V]
4. The incinerator shall be designed for a minimum natural gas input rate of 12750 standard cubic feet per hour. [District NSR Rule], [Federally Enforceable Through Title V]
5. The incinerator shall be equipped with operational temperature indicator. [District NSR Rule], [Federally Enforceable Through Title V]
6. The incinerator shall be equipped with operational fuel flow indicator. [District NSR Rule], [Federally Enforceable Through Title V]
7. The incinerator chamber volume shall be a minimum of 118 cubic feet. [District NSR Rule], [Federally Enforceable Through Title V]
8. The incinerator's mixing section (throat) cross sectional area shall be no more than 24 square feet and no less than 14 square feet. [District NSR Rule], [Federally Enforceable Through Title V]
9. The TMT emission as Tin shall not exceed .0016 grams per minute. [District NSR Rule], [Federally Enforceable Through Title V]
10. Emissions from the incinerator shall not exceed 0.14 lbs/mmbtu for NOx, 0.003 lbs/mmbtu for VOC, 0.035 lbs/mmbtu for CO, 0.0006 lbs/mmbtu for SOx, and 0.014 lbs/mmbtu for PM10 while firing on natural gas. [District NSR Rule], [Federally Enforceable Through Title V]
11. Monthly records of incinerator temperature and flow shall be maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Monthly records of TMT usage shall be maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
14. When complying with sulfur emission limits by fuel analysis or by a combination of source testing and fuel analysis, each fuel source shall be tested weekly for sulfur content and higher heating value. If compliance with the fuel sulfur content limit and sulfur emission limits has been demonstrated for 8 consecutive weeks for a fuel source, then the fuel testing frequency shall be semi-annually. If a semi-annual fuel content source test fails to show compliance, weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Copies of all fuel invoices, gas purchase contracts, supplier certifications, and test results used to determine compliance with the conditions of this permit shall be maintained. The operator shall record monthly amount and type(s) of fuel(s) combusted and all dates on which unit is fired on any noncertified fuel [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. If the unit is fired on noncertified gaseous fuel and compliance with SOx emission limits is achieved through fuel sulfur content limitations, then the sulfur content of the gaseous fuel being fired in the unit shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. To demonstrate compliance with District Rules 4201 and 4801 the operator shall do one of the following: fire the unit only on PUC or FERC regulated natural gas; or test the sulfur content of each fuel source and demonstrate the sulfur content does not exceed 1.3% for natural gas; or determine that the concentration of sulfur compounds in the exhaust does not exceed the concentration limit by a combination of source testing and fuel analysis. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404 and District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
19. This unit is exempt from the requirements of District Rule 4301 based on section 4.1 of the rule. Therefore, a shield is granted from District Rule 4301. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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20. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
21. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-12-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:
HYDROFLUORIC ACID WASH SYSTEM

PERMIT UNIT REQUIREMENTS

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1. The Hydrofluoric acid loss into the atmosphere shall not exceed 16.44 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
 2. A log of daily acid usage shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The percentage acid loss shall be established and a total allowable daily acid usage shall be determined. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Using the established percentage acid loss, the permittee shall calculate daily and annual hydrofluoric acid emissions and shall provide such records to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-13-3

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

APPLICATION OF AUTOMOTIVE HARDWARE TO GLASS: WORK STATION #1 CONSISTING OF A VALLEY TOOL & MANUFACTURING CO. PRIMING MACHINE AND A CONSOLIDATED AUTOMATION INC. CLIP MACHINE

PERMIT UNIT REQUIREMENTS

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1. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The facility shall maintain records of the cumulative annual VOC emitted in pounds from the units permitted under N-477-13-2 and N-477-14-2. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The VOC emissions from this permit unit shall not exceed 20.5 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
 4. The combined daily VOC emissions from the units permitted under N-477-13-2 and N-477-14-2 shall not exceed 20.5 pounds. [District NSR Rule], [Federally Enforceable Through Title V]
 5. The combined annual VOC emissions from the units permitted under N-477-13-2 and N-477-14-2 shall not exceed 5,433 pounds. [District NSR Rule], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-14-3

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

APPLICATION OF AUTOMOTIVE HARDWARE TO GLASS: WORK STATION #2 CONSISTING OF A VALLEY TOOL & MANUFACTURING CO. PRIMING MACHINE AND A CONSOLIDATED AUTOMATION INC. CLIP MACHINE

PERMIT UNIT REQUIREMENTS

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1. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The facility shall maintain records of the cumulative annual VOC emitted in pounds from the units permitted under N-477-13-2 and N-477-14-2. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The VOC emissions from this permit unit shall not exceed 20.5 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
 4. The combined daily VOC emissions from the units permitted under N-477-13-2 and N-477-14-2 shall not exceed 20.5 pounds. [District NSR Rule], [Federally Enforceable Through Title V]
 5. The combined annual VOC emissions from the units permitted under N-477-13-2 and N-477-14-2 shall not exceed 5,433 pounds. [District NSR Rule], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-15-0

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

NUMMI CUP ATTACHMENT PRIMER COATING SPRAY BOOTH *** DELTED PER LETTER APRIL 24, 1995 *****

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District Rule 1070]
5. All records shall be retained for a minimum of 2 years, and shall be made available for District inspection upon request. [District Rule 1070]
6. The total combined usage of RC-50 primer, for permits N-477-13-0 through N-477-17-0 shall be limited to 0.5 gallons per day. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-16-0

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

NUMMI CUP ATTACHMENT PRIMER COATING SPRAY BOOTH *** DELETED PER LETTER APRIL 24, 1995 ****

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District Rule 1070]
5. All records shall be retained for a minimum of 2 years, and shall be made available for District inspection upon request. [District Rule 1070]
6. The total combined usage of RC-50 primer, for permits N-477-13-0 through N-477-17-0 shall be limited to 0.5 gallons per day. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-17-0

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

NUMMI CUP ATTACHMENT PRIMER COATING SPRAY BOOTH *** DELETED PER LETTER APRIL 24, 1995

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District Rule 1070]
5. All records shall be retained for a minimum of 2 years, and shall be made available for District inspection upon request. [District Rule 1070]
6. The total combined usage of RC-50 primer, for permits N-477-13-0 through N-477-17-0 shall be limited to 0.5 gallons per day. []

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-18-3

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

SILANE VAPOR DEPOSITION SYSTEM CONSISTING OF TWO BATH EXTRACTOR TUBES, TWO EDUCTORS, AND A DOLOMITE METERING SYSTEM ALL VENTED TO A FLEX KLEEN MODEL 36TBC-14 PULSE JET BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. The PM₁₀ emission concentration from the baghouse shall not exceed 0.012 grains per standard cubic foot. [District NSR Rule], [Federally Enforceable Through Title V]
7. The air flow from the baghouse shall not exceed 300 standard cubic feet per minute. [District NSR Rule], [Federally Enforceable Through Title V]
8. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
10. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Records of air flow capability of the blower serving the baghouse and manufacturer's specified PM emission concentration will be maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59P^{0.62}$ ($P < 30$ tph) or $E = 17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
14. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-19-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

GENERATOR, STAND-BY, DIESEL-POWERED, 385 HP

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
2. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
3. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
4. A log of the engine operating hours shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
5. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
6. Compliance with San Joaquin County Rule 407 and District Rule 4801 may be demonstrated by either using Air Resources Board regulated diesel fuel or by testing the sulfur content of each load of fuel and showing the sulfur content to be less than 3.0% by weight. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
8. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. To be considered an emergency standby engine, the unit must not be operated more than 200 hours per year for non-emergency purposes. The operator shall submit an annual report of operating hours to the District. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. If the unit is used more than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2 and District Rule 1081], [Federally Enforceable Through Title V]
11. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404 and District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. A shield is granted from District Rule 4301 for this unit because the unit is direct fired and therefore doesn't meet the definition of "fuel burning equipment" in section 3.1 of the rule. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-20-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

GENERATOR, STAND-BY, DIESEL-POWERED, 1660 HP

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
2. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
3. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
4. A log of the engine operating hours shall be kept on the premises at all times and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
5. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
6. Compliance with San Joaquin County Rule 407 and District Rule 4801 may be demonstrated by either using Air Resources Board regulated diesel fuel or by testing the sulfur content of each load of fuel and showing the sulfur content to be less than 3.0% by weight. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
8. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. To be considered an emergency standby engine, the unit must not be operated more than 200 hours per year for non-emergency purposes. The operator shall submit an annual report of operating hours to the District. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. If the unit is used more than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2 and District Rule 1081], [Federally Enforceable Through Title V]
11. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404 and District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. A shield is granted from District Rule 4301 for this unit because the unit is direct fired and therefore doesn't meet the definition of "fuel burning equipment" in section 3.1 of the rule. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-21-0

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

CHMSL PRIMING STATION **** DELETED PER LOF LETTER DATED MAY16, 1994 ****

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
2. Records of types and daily amounts used of all organic solvent containing material shall be maintained, retained on the premises for at least two years and made available for District inspection upon request. [District Rule 4661]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. There shall be no visible emissions for a period or periods aggregating more than three minutes in any one hour. [District Rule 4101]
5. Authorization to use other coatings may be obtained from the District by submitting the proposed coating's Material Safety Data Sheets at least 30 days prior to its intended use. [District Rule 4622]
6. The total amount of coatings, primer, and solvents (including clean up solvents) used shall not exceed 1.2 gallons during any one day. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-22-0

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

DUST COLLECTOR, SLY MODEL 28, TYPE 260, WOODWORKING OPERATION **** DELETED PER LOF LETTER DATED MAY 16, 1994 ****

PERMIT UNIT REQUIREMENTS

1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule]
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule]
3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule]
4. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule]
5. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-23-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) 5,000 GALLON UNDERGROUND GASOLINE STORAGE TANK SERVED BY COAXIAL PHASE I VAPOR RECOVERY SYSTEM (G-70-97-A) AND ONE (1) NOZZLE. *** DELETED, AS PER THE APPLICANT ON 11/06/97 ***

PERMIT UNIT REQUIREMENTS

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1. At least 95% by weight of all gasoline vapors displaced during the filling of storage tanks shall be prevented from entering the atmosphere. []
 2. The vapor recovery systems and their components shall be installed, operated, and maintained in accordance with the State certification requirements. [District Rules 4621 and 4622]
 3. The tank shall not be used to dispense fuel to vehicles licensed for use on the highway. []
 4. The facility gasoline throughput shall not exceed 329 gallons per day, and records of daily throughput shall be kept on site for a period of two years, and shall be made available to District staff upon request. []

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-28-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

BATCH CAN FILL STATION, 4 POSITION TURN SPOUT, AND INCOMING BATCH CONVEYOR DROP POINT SERVING THE TWO BATCH MIXERS AND SERVED BY A BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
9. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-29-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

RAW MATERIAL BATCH MIXER #A SERVED BY A BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
9. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-30-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

RAW MATERIAL BATCH MIXER #B SERVED BY A BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
9. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-31-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

TWO COMPARTMENT RAW MATERIAL SILO #1 WITH A BAGHOUSE SERVING EACH COMPARTMENT.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
9. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-32-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

FOUR COMPARTMENT RAW MATERIAL SILO #2 WITH A BAGHOUSE SERVING EACH COMPARTMENT.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
9. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-33-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

TWO COMPARTMENT RAW MATERIAL SILO #3 WITH A BAGHOUSE SERVING EACH COMPARTMENT.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
9. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-34-3

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

SHUTTLE CONVEYING SYSTEM ATOP THE BULK MATERIAL SILOS (3) SERVING THE SILOS AND BEING SERVED BY THE BULK MATERIAL RECEIVING ELEVATOR VENTED TO A P&F JI-4-104-600 PULSE JET BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. Maximum material throughput shall not exceed 7,830 tons in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
8. PM10 emission concentration shall not exceed 0.00006 pounds per ton of material processed. [District NSR Rule], [Federally Enforceable Through Title V]
9. Daily log of bulk raw materials received, handled and stored shall be maintained. The logs shall be retained on the premises and made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
10. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
12. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
15. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-477-35-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

WAREROOM SECONDARY GLASS CRUSHERS AND CULLET CONVEYING SYSTEM, ALL VENTED TO A BAGHOUSE.

PERMIT UNIT REQUIREMENTS

1. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. There shall be no visible emissions from the baghouse and the associated ducting system. [District NSR Rule], [Federally Enforceable Through Title V]
6. All batch materials that become deposited on the ground or any part of the dust collection systems as a result of the batch handling, conveying, and storage shall be cleaned up immediately. [District NSR Rule], [Federally Enforceable Through Title V]
7. The baghouse and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
9. Pressure gauges shall be inspected monthly and the results shall be recorded and made available for District inspection upon request. Corrective actions shall be implemented on the control equipment if indicated by the inspections. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-36-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

SELAS CORP. FLAT TUFFLEX AUTOMOTIVE GLASS BENDING FURNACE #6.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
2. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
3. Operator shall maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, San Joaquin County Rule 405, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
5. Emissions shall not exceed 140 lb/hr of NOx, 200 lb/hr SOx or 10 lb/hr PM. [District Rule 4301], [Federally Enforceable Through Title V]
6. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
7. This unit is exempt from the requirements of District Rule 4202 because the only emissions associated with the unit are due to combustion of liquid fuels. [District Rule 4202], [Federally Enforceable Through Title V]
8. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-37-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

SELAS CORP. FLAT TUFFLEX AUTOMOTIVE GLASS BENDING FURNACE #7

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
2. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
3. Operator shall maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, San Joaquin County Rule 405, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
5. Emissions shall not exceed 140 lb/hr of NOx, 200 lb/hr SOx or 10 lb/hr PM. [District Rule 4301], [Federally Enforceable Through Title V]
6. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
7. This unit is exempt from the requirements of District Rule 4202 because the only emissions associated with the unit are due to combustion of liquid fuels. [District Rule 4202], [Federally Enforceable Through Title V]
8. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-38-2

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

CONVEYORIZED AUTOMOTIVE GLASS SILK SCREEN PROCESS WITH TWO SILK SCREEN ROOMS, A PRECISION QUINCY CORP. 1 MMBTU/HR HOT AIR DRYER, AND A COOLING LINE SERVING THE #7 BENDING FURNACE

PERMIT UNIT REQUIREMENTS

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1. Closed, non-absorbent containers shall be used for storage and disposal of all solvent-laden cloth or paper. [District NSR Rule], [Federally Enforceable Through Title V]
 2. All coatings and solvents shall be stored in closed containers. [District NSR Rule], [Federally Enforceable Through Title V]
 3. VOC emissions shall not exceed 40 pounds per day from the coating operation. [District NSR Rule], [Federally Enforceable Through Title V]
 4. The annual VOC emissions shall not exceed 11,000 pounds from the coating operation. [District NSR Rule], [Federally Enforceable Through Title V]
 5. The dryer shall only be fired on natural gas. [District NSR Rule], [Federally Enforceable Through Title V]
 6. The emissions concentration from the dryer shall not exceed: 0.1 lbs/mmbtu for NOx; 0.0053 lbs/mmbtu for VOC; 0.021 lbs/mmbtu for CO; 0.012 lbs/mmbtu for PM10; and 0.0006 lbs/mmbtu for SOx. [District NSR Rule], [Federally Enforceable Through Title V]
 7. Maintain a daily record of the volume of coatings and solvents applied, the VOC content of coatings as applied, and the total quantity of VOC emitted in pounds. [District NSR Rule], [Federally Enforceable Through Title V]
 8. The facility shall maintain records of the cumulative annual VOC emitted in pounds from this operation. [District NSR Rule], [Federally Enforceable Through Title V]
 9. All records shall be retained and made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 10. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
 11. Operator shall maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4801 and San Joaquin County Rule 407 and District Rule 4201. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 13. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
 14. Emissions shall not exceed 140 lb/hr of NOx, 200 lb/hr SOx or 10 lb/hr PM. [District Rule 4301], [Federally Enforceable Through Title V]
 15. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 16. This unit is exempt from the requirements of District Rule 4202 because the only emissions associated with the unit are due to combustion of liquid fuels. [District Rule 4202], [Federally Enforceable Through Title V]
 17. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-39-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

GLASS ANNEALING LEHR SERVING THE GLASS MELTING FURNACE

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
2. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
3. Operator shall maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
4. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, San Joaquin County Rule 405, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
5. Emissions shall not exceed 140 lb/hr of NOx, 200 lb/hr SOx or 10 lb/hr PM. [District Rule 4301], [Federally Enforceable Through Title V]
6. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
7. This unit is exempt from the requirements of District Rule 4202 because the only emissions associated with the unit are due to combustion of liquid fuels. [District Rule 4202], [Federally Enforceable Through Title V]
8. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-477-41-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

MOLD SHOP: COMPLETE SHOP VENTED TO AN AGET MFG MODEL FT 40S71-D1 DUST COLLECTOR

PERMIT UNIT REQUIREMENTS

1. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
2. Material removed from the dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
3. There shall be no visible emissions from the dust collector. [District NSR Rule], [Federally Enforceable Through Title V]
4. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
5. The amount of material captured by the dust collector shall not exceed 49 lbs/day. [District NSR Rule], [Federally Enforceable Through Title V]
6. PM10 emissions shall not exceed 0.01 pounds per pound of material collected from the dust collector. [District NSR Rule], [Federally Enforceable Through Title V]
7. A log shall be maintained which shows the amount of material collected and the corresponding time period from the dust collector. Records shall be retained and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
8. The dust collector and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
10. Compliance with the conditions of this permit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
12. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-477-42-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

WHEEL DRESSING SHOP CONSISTING OF A GLASSLINE CORP. MODEL D 1508 WHEEL DRESSER VENTED TO AN
AGET MFG MODEL 8T50-D1 DUST COLLECTOR

PERMIT UNIT REQUIREMENTS

1. The dust collector and ductwork (if applicable) shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
3. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
4. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
5. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-477-43-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

KOHLER MODEL 80RZ 98KW EMERGENCY GENERATOR POWERED BY A 132 HP CLEAN BURN NATURAL GAS FIRED I.C. ENGINE UTILIZING A JOHNSON MATTHEY 3 WAY CATALYST (MODEL DURA-NOX 150)

PERMIT UNIT REQUIREMENTS

1. Operation of the engine, for other than maintenance purposes, shall be limited to emergency use. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
2. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
3. The engine shall be equipped with a positive crankcase ventilation (PCV) system or a crankcase emissions control device of at least 90% control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
4. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is dark or darker than Ringelmann 1/4 or equivalent to 5% opacity. [District NSR Rule], [Federally Enforceable Through Title V]
5. A daily log of operating hours shall be kept on the premises at all times and made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
6. The engine shall be fired on PUC quality natural gas only. [District NSR Rule], [Federally Enforceable Through Title V]
7. The unit shall be inspected weekly while in operation for visible emissions and the results shall be recorded and made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
9. If the unit is fired on PUC-regulated natural gas, then maintain on file copies of all natural gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. A shield is granted from District Rule 4301 for this unit because the unit is direct fired and therefore doesn't meet the definition of "fuel burning equipment" in section 3.1 of the rule. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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PERMIT UNIT: N-477-44-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

LPG SYSTEM MAINTENANCE FLARE (13 MMBTU/HR)

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. Compliance shall be demonstrated by compliance with the other terms and conditions of this permit and by proper operation of the equipment. [District Rule 4201], [Federally Enforceable Through Title V]
2. If the unit is fired on commercial grade LPG with sulfur content no greater than 0.008%, then maintain on file copies of all gas bills. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
3. Sulfur compound emissions shall not exceed 2000 ppmv as SO₂. [District Rule 4801], [Federally Enforceable Through Title V]
4. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
5. A shield is granted from District Rule 4301 for this unit because the unit is direct fired and therefore doesn't meet the definition of "fuel burning equipment" in section 3.1 of the rule. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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PERMIT UNIT: N-477-45-2

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

ADIPIC ACID SPRAY SYSTEM: CONSISTING OF A MIX STATION WITH TWO 650 GALLON MIX TANKS, PUMPS AND PLUMBING, A 30 GALLON HOLDING TANK, AND THE SPRAY FLOAT GLASS COATING SYSTEM WITH TWO SPRAY MODULES EACH WITH 7 SPRAY HEADS, AND INCLUDING AN EXHAUST HOOD.

PERMIT UNIT REQUIREMENTS

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1. The total PM10 emissions shall not exceed 0.1 lb/lb of Adipic acid powder deposited onto the glass surface. [District NSR Rule], [Federally Enforceable Through Title V]
 2. No more than 28 lbs of Adipic acid powder shall be deposited onto the glass surface in any one day. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Curtains or walls shall be installed and maintained on either side of the conveyor system where the spray modules are located. [District NSR Rule], [Federally Enforceable Through Title V]
 4. A daily log shall be kept on the premises showing the amount of Adipic acid powder deposited onto the glass surface. [District NSR Rule], [Federally Enforceable Through Title V]
 5. All records shall be retained and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 6. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 7. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
 8. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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PERMIT UNIT: N-477-47-0

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

ONE NEBRASKA MODEL NOS-2-52S BOILER WITH A NEBRASKA MODEL MARK I NATURAL GAS FIRED 59.9
MMBTU/HR BURNER. **** DELETED PER ATC N-477-48-0 ON 02/11/97 *****

PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
 2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 3. The NOx emissions shall not exceed 0.0365 pounds per MMBtu of heat input. []
 4. The CO emissions shall not exceed 0.0525 pounds per MMBtu of heat input. []
 5. The VOC emissions shall not exceed 0.0028 pounds per MMBtu of heat input. []
 6. The SOx emissions shall not exceed 6.0e-04 pounds per MMBtu of heat input. []
 7. The PM10 emissions shall not exceed 0.014 pounds per MMBtu of heat input. []
 8. This unit must be removed from service within 180 days from April 18, 1996. []
 9. This unit may only be operated while the emission unit operating under Permit to Operate N-477-8-0 is shutdown for maintenance or repair. []

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Air Pollution Control District

PERMIT UNIT: N-477-48-1

EXPIRATION DATE: 08/31/2002

EQUIPMENT DESCRIPTION:

NEBRASKA 59.9 MMBTU/HR BOILER (MODEL NOS-2-52S) EQUIPPED WITH A NEBRASKA MARK I LOW NOX BURNER AND FLUE GAS RECIRCULATION.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions from any combustion source shall not exceed 0.1 grains/dscf (calculated to 12% carbon dioxide). Compliance with this condition shall be demonstrated by complying with the terms and conditions of this permit. [District Rule 4301 and District Rule 4201], [Federally Enforceable Through Title V]
2. Source testing to demonstrate compliance with NOx and CO limitations shall be conducted within 90 days of initial startup and as required by Section 6.3 of Rule 4305: Boilers, Steam Generators, and Process Heaters thereafter. [District Rule 4305]
3. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
4. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
5. The boiler shall be fired only on natural gas. [District NSR Rule], [Federally Enforceable Through Title V]
6. The NOx emissions shall not exceed 30 ppmvd @ 3% O2. [District Rule 4305]
7. The CO emissions shall not exceed 400 ppmvd @ 3% O2. [District Rule 4305]
8. Emissions of sulfur compounds from this unit shall not exceed 200 lb/ hour, calculated as SO2. [District Rule 4301, 5.2.1 and San Joaquin County Rule 408], [Federally Enforceable Through Title V]
9. When complying with sulfur emission limits by fuel analysis or by a combination of source testing and fuel analysis, each fuel source shall be tested weekly for sulfur content and higher heating value. If compliance with the fuel sulfur content limit and sulfur emission limits has been demonstrated for 8 consecutive weeks for a fuel source, then the fuel testing frequency shall be semi-annually. If a semi-annual fuel content source test fails to show compliance, weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. The concentration of sulfur compounds in the exhaust from this unit shall not exceed 0.2% by volume as measured on a dry basis over a 15 minute period [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
11. Nitrogen oxide (NOx) emissions shall not exceed 140 lb/hr, calculated as NO2. [District Rules 4301, 5.2.2, 5.3, and 5.5 and San Joaquin County Rule 408], [Federally Enforceable Through Title V]
12. Copies of all fuel invoices, gas purchase contracts, supplier certifications, and test results used to determine compliance with the conditions of this permit shall be maintained. The operator shall record monthly amount and type(s) of fuel(s) combusted and all dates on which unit is fired on any noncertified fuel [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. When complying with SOx emission limits by testing of stack emissions, testing shall be performed not less than once every 12 months using EPA Method 6B; or Method 8; or, for units using gaseous fuel scrubbed for sulfur pre-combustion, a grab sample analysis by GC-FPD/TCD performed in the laboratory and EPA Method 19 to calculate emissions. Units demonstrating compliance on two consecutive annual source tests shall be tested not less than once every thirty-six months, however annual source testing shall resume if any test fails to show compliance. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
14. If the unit is fired on noncertified gaseous fuel and compliance with SOx emission limits is achieved through fuel sulfur content limitations, then the sulfur content of the gaseous fuel being fired in the unit shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. To demonstrate compliance with District Rules 4201, 4301 and 4801 the operator shall do one of the following: fire the unit only on PUC or FERC regulated natural gas; or test the sulfur content of each fuel source and demonstrate the sulfur content does not exceed 1.3% for natural gas; or determine that the concentration of sulfur compounds in the exhaust does not exceed the concentration limit by a combination of source testing and fuel analysis. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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16. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4301, San Joaquin County Rule 405, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

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